

WE CLAIM:

1. A weight compensation device for a height-adjustable apparatus that is connected to a flexible supply line conducted to the apparatus from above, the compensation device comprising a cable drum that accepts a first carrying cable loaded with the height-adjustable apparatus and means for providing a force directed opposite to the weight of the apparatus, the improvements comprising a second carrying cable being accepted by the cable drum and being secured to the supply line so that, given an upward adjustment of the device, the supply line is automatically pulled upward as well by the second carrying cable in a region around the fastening location of the second carrying cable to the supply line.

2. A weight compensation device according to claim 1, wherein the cable drum has the same peripheral length for the paths of the first carrying cable and the second carrying cable, so that with a rotation of the drum, the same length of cable is unwound or taken up.

3. A weight compensation device according to claim 2, wherein the first and second carrying cables are accepted on a cable drum in a common channel.

4. A weight compensation device according to claim 2, wherein the cable drum has two channels proceeding parallel to each other with the same diameter for receiving the first and second carrying cables.

5. A weight compensation device according to claim 1, wherein the peripheral length of the path for the second carrying cable on the cable drum is different than the peripheral length of the path for the first carrying cable.

6. A weight compensation device according to claim 5, wherein the first and second carrying cables are accepted in channels having different diameters on the cable drum.

7. A weight compensation device according to claim 6, wherein the channel for acceptance of the second carrying cable proceeds on a smaller diameter in the cable drum than the channel for accepting the first carrying cable.

8. A weight compensation device according to claim 1, in which an additional arrester cable is guided in the carrier drum and secures the device given a breaking of the first carrying cable.

9. A weight compensation device according to claim 1, which includes a plurality of second carrying cables being secured in different regions to the supply line.

10. A weight compensation device according to claim 1, wherein the height-adjustable apparatus has a plurality of separate supply lines, and said compensation device has a second carrying cable for each of the separate supply lines.

11. A weight compensation device according to claim 1, wherein the means providing a force directed opposite the weight of the apparatus comprises a spring mechanism positioned in the cable drum.

12. A weight compensation device according to claim 1, wherein the means for creating a force acting opposite the weight of the apparatus includes a pair of spring mechanisms for generating the force disposed in the cable drum.

13. An apparatus being adjustably mounted on a column, said apparatus having flexible supply lines extending from above to the apparatus, a weight compensation device including a cable drum having a first carrying cable loaded with the apparatus, means for loading a force directed opposite to the weight of the apparatus, and a second carrying cable accepted by the cable drum and being secured to a fastening location on the supply line, so that with upward adjustment of the apparatus, the supply line is automatically pulled upward in the region of the fastening location.

14. An apparatus according to claim 13, wherein the path on the cable drum for both the first carrying cable and the second carrying cable have an equal length, so that, during adjustment of the apparatus, a distance between the fastening location and the adjustable apparatus remains constant.

15. An apparatus according to claim 13, wherein the annular length of the path for the first carrying cable is greater than the annular length of the path for the second carrying cable so that a distance between the fastening location and the mounted apparatus increases as the position of the apparatus is raised.